

Page 1

Monday, October 03, 2011 2:36:21 PM

Item ID:

D3535-23

Accept



Setup Start

Stop



Revision ID:

Item Name:

Wearshoe

Start Date:

9/30/2011 **Required Date: 10/14/2011** Start Qty: 12.00 Req'd Oty: 12.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: H.C. J

Date: 11/10/03 Tooling:

Date: ____

SPC (Y/N):

Date:

Date:

Start Run

Stop

Sequence ID/

Operation

Revision Nbr

Set Up/

Tool ID

Tool # Plan

Reject

Reject Number

Stamp

Work Center ID Draw Nbr

Description

Run Hours

Code

Accept Qty

Qty

Insp.

D3535

Rev B

QC:

100

Waterjet

Zou, 040

FLOW CNC Wateriet

FLOW WATER JET

Memo

1-Cut as per Dwg D3535 Dwg Rev: Prog Rev: D2-Deburr if necessary

BI1-10-27

110

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

0.00

0.00

0.00

131-10-2

120

QC

QC8- Inspect parts - second check

Memo

0.00

Memo

0.00

Quality Control

M 1) 10

Part No:	PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
Resolution:		Disposition:	QA: N/C Closed	d:	Date:

NCR:		W		RK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B	0: 0	Verification	Approval	Approval			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto			
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Page 2

Monday, October 03, 2011 2:36:21 PM

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Stop



Revision ID:

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Start Date:

Wearshoe 9/30/2011

Start Qty: 12.00 **Req'd Qty:** 12.00

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Tool # Plan

Code

Run Start

Required Date: 10/14/2011

. .

vC.

Date:

SPC (Y/N):

Set Up/

Run Hours

_ Date:_

Stop

Reject

Otv

Number Stamp

Insp.

Sequence ID/ Work Center ID

130

Brake NC

Brake NC

NC BRAKE

Operation

Description

Memo

0.00

0.00

1-Form on Brake as per Dwg D3535 using Jigs DT8261and DT8326□2-Form joggle as per Dwg D3535 using Jig DT8158□3-Identify as D3535-23

m CR 11/11/01

(13)

Accept

Qty

140

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

0.00

M _

11 - 11 - 01

Reject

150

Powdercoat

Powder Coating

Memo START TIME: 2:45

□O

OVEN TEMPERATURE:

13x & m fululo1

MIGHZA

320 FINISH TIME:

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

4213

W/O:			WO	RK ORDER CHANG	ES			Approval	Ammunial
DATE	STEP	PRO	CEDURE CHAN	GE	Ву	Dat	te Qty	Chief Eng / Prod Mgr	Approval QC Inspector
		:							
Dowt No.	<u></u>	PAR #:	Fault Cated	lorv:	NCR: Ye	es No	DQA:	Date: _	
Part No): R	esolution:	Disposition):	QA: N/C	Closed	i:	Date: _	
NCR:				R NON-CONFORM					
		Description of NC	Description of NC Corrective Action		ction B	ın &	/erification	Approval	Approval
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng		ate	Section C	Chief Eng	QC Inspector
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Work Order ID 74508

Monday, October 03, 2011 2:36:21 PM



Page 3

Item ID:

D3535-23

Accept

Setup Start

Stop



Revision ID:

Wearshoe Item Name:

Required Date: 10/14/2011

9/30/2011

Start Qty: 12.00

Req'd Qty: 12.00



Cust Item ID:

Customer:

Reference:

Start Date:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Sequence ID/ Work Center ID

160

QC

Quality Control

Operation Description

QC3- Inspect Part Finish

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Oty

Reject Insp. Number Stamp

170

Packaging

Packaging

Memo

0.00

0.00

Memo

0.00

13 Bl 11-11-2.

180

QC

Quality Control

QC21- Final Inspection - Work Order Release

Identify as per dwg & Stock Location.

0.00

Memo

0.00

WORK ORDER CHANGES									
	STEP		PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto	
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				NOD: Voc	No DC		Date: _	1	
Part No	o:	PAR	l #: Fault Category:						
	Reso	olution:	Disposition:	QA: N/C (Closed: _		Date: _		

NCR:			WORK ORE	ER NON-CONFORMANC	E (NCR)			.
				Corrective Action Section B		Verification	Approval	Approval QC Inspector
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	
				,				

Picklist Print

Monday, October 03, 2011 2:36:26 PM

Work Order ID: 74508

Parent Item:

D3535-23

Parent Item Name:

Wearshoe



Start Date: 9/30/2011

Required Date: 10/14/2011

Page 1

Start Qty: 12.00

Required Qty: 12.00

Comments:

IPP Rev:A

New Issue 07-02-15 JLM

IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S20GA		Purchased	No			100	sf	170.5795	1.3615	17.19789 [B	11-10-2	8	. :
. •				Location		Loc (<u>Oty</u>	Loc Code					
				MAT020		170.5	5795		_		. ,	7	
				1	16623		0.2		_		. (12	
				1	17550	8	.363		_		. \	$(\ \)$	
				1	17933	45.3	3442				_		
				. 1	18400	33.6	5723				_		
					18964 19 34 6		83		-	119346	-		

N/O:	Approval Approval									
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Dat	e Qty	Chief Eng / Prod Mgr	QC Inspector	
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Part No		PAR #:								
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NCR:			WORK ORDE	R NON-CONFORM	ANCE (N	CR)				
DATE	STEP	Description of NC Section A	Corrective Action Initial Action Description Chief Eng Chief Eng			n & ate	erification Section C	Approval Chief Eng	Approval QC Inspecto	
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DART AEROSPACE LTD	Work Order:	74508
Description: Wearshoe	Part Number:	D3535-23
Inspection Dwg: D3535 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X	First Article		Prototype
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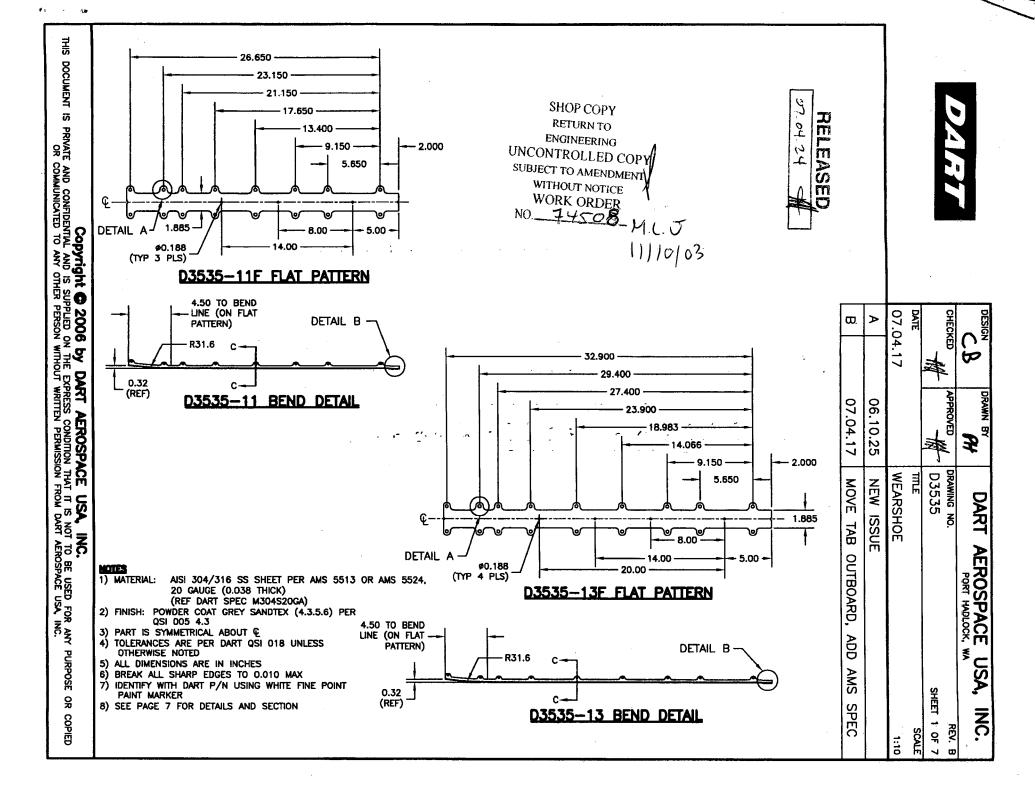
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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2.000	+/-0.010	2.000	>		V	
4.750	+/-0.010	4756		-	7	
9.500	+/-0.010	9.500	C		7	
14.250	+/-0.010	14.256	C		-	
17.750	+/-0.010	17,7%			7	
23.140	+/-0.010	23.146	U		T	
28.530	+/-0.010	28.536	c		7	
33.920	+/-0.010	33.926	<u> </u>		7	
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Measured by:	B	Audited by:	MM	Prototype Approval:	N/A
Date:	1-10-27	Date:	11 1031	Date:	, N/A

Rev	Date	Change	Revised by	Approved
A	07.11.23	New Issue	KJ/EC/DD	\mathcal{N}
			7 (5)	

W/O:			WORK ORDER CHANGES							
DATE	STEP	PR	PROCEDURE CHANGE			Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto		
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Part No	o:	PAR #:	Fault Category:	NCR: Ye	s No DC	A:	Date: _			
Resolution:			Disposition:	QA: N/C Closed:			Date:			
NCR: WORK ORDER NON-CONFORMANCE (NCR)										

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Approval	Approval			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector		
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NC	?)					
DATE	STEP	Description of NC		Corrective Action Section B		Sign & Section		Approval	Approval		
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W/O:		WORK ORDER CHANGES									
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Part No:		PAR #:									
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DATE	STEP	Description of NC	Corrective Action Section B Initial Action Description			Sign &	Verification		Approval		
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE				Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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		esolution:	Disposition	QA:	N/C Clo	Date: _					
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		Description of NC	L	Corrective Action Section B		Verification		1 Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Descript Chief Eng	tion	Sign & Date	Section C	Chief Eng	QC Inspector		
-											





TO

D3535

07.04.17

WEARSHOE



22.500 19.000 9.500 6.000 2.000 1.885 DETAIL A #0.188 (TYP 3 PLS) D3535-31F FLAT PATTERN



D3535-31 BEND DETAIL

	24.500	
	21.000	
2.000	9.500	
1.885	6.00 - 6.75 - DE 00.188 (TYP 3 PLS) D3535-33F FLAT PATTERN	TAIL A

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PURPOSE

OR COPIED

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER
- QSI 005 4.3
- 3) PART IS SYMMETRICAL ABOUT &
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- BREAK ALL SHARP EDGES TO 0.010 MAX
- IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION

	C		
D:	。 3535–33 £	BEND DET	AIL

W/O:			WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
				NCR: Yes No DQA: Date:							
	Resolution:			•	QA: N/C CI	osed:		Date: _			
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	3)					
	T	Description of NC		Corrective Action Section B		Verifi	ication Approva	Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	k Sec	Verification Section C	Chief Eng	QC Inspecto		

42.10.60

RMLEASE

B

DART

AEROSPACE PORT HADLOCK,

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DATE 07.04.17



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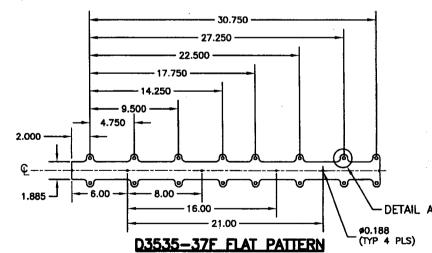
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23.250 9.500 4.750 2.000 #0.188 (TYP 2 PLS) 1.885

- DETAIL A

D3535-35F FLAT PATTERN







- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA) 2) FINISH: POWDER COAT GREY SANDTEX (4,3.5.6) PER

- QSI 005 4.3

 3) PART IS SYMMETRICAL ABOUT ©
 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES 6) BREAK ALL SHARP EDGES TO 0.010 MAX
- IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION



HEH Œ SCALE 읶 1:10

D3535 DRAWING NO

WEARSHOE

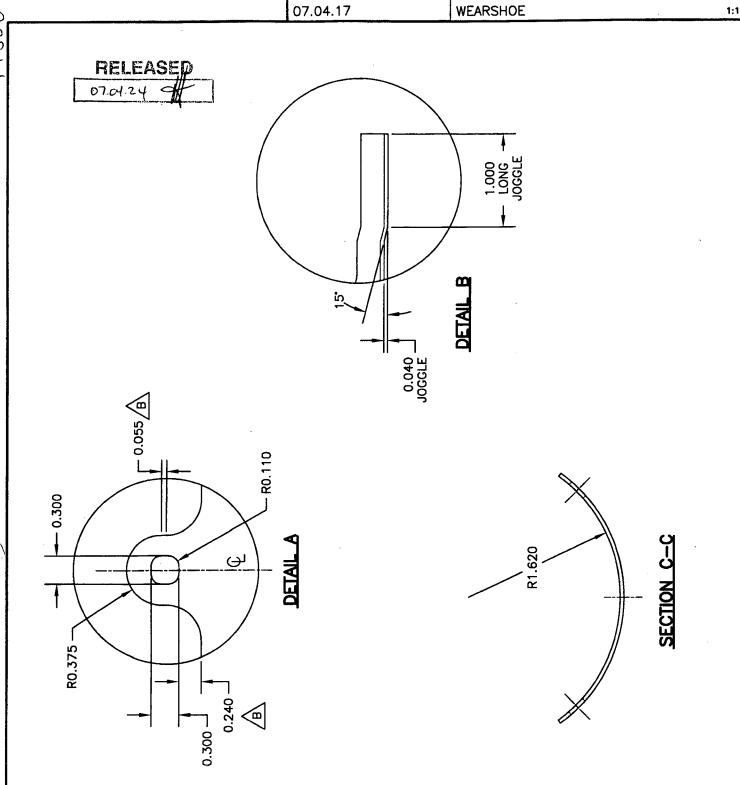
Dart Aerospace Ltd W/O: **WORK ORDER CHANGES** Approval Chief Eng / DATE STEP PROCEDURE CHANGE **Approval** By Date Qty QC Inspector Prod Mgr Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ____ Date: ____ Resolution: _____ Disposition: ____ QA: N/C Closed: ____ Date: ____ **WORK ORDER NON-CONFORMANCE (NCR)** NCR: **Corrective Action** Section B **Description of NC** DATE **STEP** Verification **Approval Approval** Initial Sign & Section A **Action Description** Section C Chief Eng QC Inspector Chief Eng Chief Eng Date

Dart Ae	rospace	∍ Ltd	
W/O:		WORK ORDER CHANGES	
DATE	STED		

DATE	STEP	PR	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
Part No		PAR #:	Fault Cate	gorv:	NCR: Vas	No. DO	Δ.	Data	
Resolution:			Dispositio	QA: N/C Closed: Date:					
NCR:			WORK ORDI	ER NON-CONFORMA	NCE (NC	R)	*		
DATE	STEP	Description of NC Section A	Initial Action Description Chief Eng Chief Eng		on B Sign Date	& Secti	cation on C	Approval Chief Eng	Approval QC Inspector



DESIGN DART AEROSPACE USA, INC. DRAWN BY REV. B CHECKED APPROVED DRAWING NO. SHEET 7 OF 7 D3535 SCALE DATE TITLE 07.04.17 **WEARSHOE** 1:1



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By Date Qty Chief Eng / Prod Mgr	Approv C Inspect
Part No: PAR #: Fault Category: NCR: Yes No DQA: Date:	
Resolution: Disposition: QA: N/C Closed: Date: NCR: WORK ORDER NON-CONFORMANCE (NCR)	
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